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| L3 and (Service ADJ application ADJ component) | 4 |

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US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
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| <u>L4</u> | L3 and (Service ADJ application ADJ component) | 4 | <u>L4</u> |
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1. Document ID: US 6694002 B2

L4: Entry 1 of 4

File: USPT

Feb 17, 2004

US-PAT-NO: 6694002

DOCUMENT-IDENTIFIER: US 6694002 B2

TITLE: Generic service component for wireless services

DATE-ISSUED: February 17, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------------|-------|----------|---------|
| Creamer; Thomas E. | Boca Raton | FL | | |
| Kallner; Samuel | Yaakov | | | IL |
| Moore; Victor S. | Boynton Beach | FL | | |
| Shachor; Gal | Yokneam | | | IL |
| Walters; Glen R. | Hollywood | FL | | |

US-CL-CURRENT: 379/201.12; 379/221.08, 379/221.09, 379/221.15, 455/414.1, 709/250,
719/328

ABSTRACT:

An advanced intelligent network for use with a wireless service can include a service logic execution environment (SLEE), at least one service application executing in the SLEE, and at least one generic service component for use with a wireless service application communicatively linked to the service application. The generic service component can include an interface to the wireless service application which is external to the SLEE.

23 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

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|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KOMC | Draw. D. |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|----------|

2. Document ID: US 6690783 B2

L4: Entry 2 of 4

File: USPT

Feb 10, 2004

US-PAT-NO: 6690783

DOCUMENT-IDENTIFIER: US 6690783 B2

TITLE: Service application architecture for integrated network service providers

DATE-ISSUED: February 10, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------------|-------|----------|---------|
| Creamer; Thomas E. | Boca Raton | FL | | |
| Kallner; Samuel | Yaakov | | | IL |
| Moore; Victor S. | Boynton Beach | FL | | |
| Shachor; Gal | Yokneam | | | IL |
| Vortman; Pnina | Haifa | | | IL |
| Walters; Glen R. | Hollywood | FL | | |

US-CL-CURRENT: 379/201.12; 370/469, 379/221.08, 709/250, 719/328

ABSTRACT:

An application execution environment for an intelligent network, having a protocol layer, application layer and service logic layer. The application execution environment includes a service logic execution environment (SLEE) in the service logic layer. Notably, the SLEE can be a JAIN-compliant SLEE. The SLEE can include an event routing bus for routing events between service components in the service logic layer and client components in the protocol layer and application layer. The application execution environment also can include at least one client component in the protocol layer, wherein the at least one client component is communicatively linked to the SLEE through a connector/wrapper interface. Finally, the application execution environment can include at least one telephony service component executing in the SLEE, wherein the telephony component can be configured to communicate with client components in the protocol layer and other service components in the service logic layer through the event routing bus in the SLEE.

18 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 5

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|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Dra |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----|

 3. Document ID: US 6690782 B2

L4: Entry 3 of 4

File: USPT

Feb 10, 2004

US-PAT-NO: 6690782

DOCUMENT-IDENTIFIER: US 6690782 B2

TITLE: Service logic execution environment connector to client interface

DATE-ISSUED: February 10, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
|------|------|-------|----------|---------|

| | | | |
|--------------------|---------------|----|----|
| Creamer; Thomas E. | Boca Raton | FL | |
| Kallner; Samuel | Yaakov | | IL |
| Moore; Victor S. | Boynton Beach | FL | |
| Shachor; Gal | Yokneam | | IL |
| Vortman; Pnina | Haifa | | IL |
| Walters; Glen R. | Hollywood | FL | |

US-CL-CURRENT: 379/201.12, 370/469, 379/221.08, 709/250, 719/328

ABSTRACT:

An application execution environment for an intelligent network which has been configured in accordance with the inventive arrangements can include a service logic execution environment (SLEE); at least one client component wrapper, the at least one client component wrapper providing an abstracted interface for a specific client component; and, at least one connector associated with the SLEE, the at least one connector corresponding to at least one client component wrapper, wherein the connector is configured to communicate with a client component through an abstracted interface provided by the corresponding at least one client component wrapper. Notably, the SLEE can be a JAIN-compliant SLEE.

14 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

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|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMTC | Dra... d |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-------------|

4. Document ID: US 6690781 B2

L4: Entry 4 of 4

File: USPT

Feb 10, 2004

US-PAT-NO: 6690781

DOCUMENT-IDENTIFIER: US 6690781 B2

TITLE: Generic service component for telephony container server

DATE-ISSUED: February 10, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|---------------|-------|----------|---------|
| Creamer; Thomas E. | Boca Raton | FL | | |
| Kallner; Samuel | Yaakov | | | IL |
| Moore; Victor S. | Boynton Beach | FL | | |
| Shachor; Gal | Yokneam | | | IL |
| Walters; Glen R. | Hollywood | FL | | |

US-CL-CURRENT: 379/201.12, 379/221.08, 379/221.09, 379/221.15, 709/250, 719/328

ABSTRACT:

An advanced intelligent network for use with a call model can include a service

logic execution environment (SLEE), at least one service application executing in the SLEE, and at least one generic service component communicatively linked to the service application. The generic service component can include an interface to a second service application which is external to the SLEE.

23 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

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| Terms | Documents |
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| L3 and (Service ADJ application ADJ component) | 4 |

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